

# HP27250-2 FILM-PTFE (HIGH-MODULUS—GRAY)

HPP Performance HPPSTIK HP27250-2 is manufactured from 2.0 mil high modulus PTFE film coated with 1.5 mil pressure sensitive rubber adhesive.

Hi-Performance Products, Inc.  
1231 Puerta Del Sol; Unit 400  
San Clemente CA 92673  
Customer Service: (949) 366-6088

## Typical Properties

Product Number	HP27250-2
Backing Material	Film-PTFE
Adhesive Type	Rubber
Total Thickness (in.)	.0035
Backing Thickness (in.)	.0020
Adhesive Thickness (in.)	.0015
Adhesion to Steel (oz./in.)	25
Break Strength (lbs./in.)	30
Dielectric Strength (volts)	8000
Elongation (% at break)	150
Operating Temperature (°F)	-40 to 325
Color	Gray

[www.ptfeglass.com](http://www.ptfeglass.com)

Values shown are typical. Certified test reports for writing specifications are available.

**Applications**—The excellent conformability and release properties of the PTFE backing make HP27250-2 tape ideal for applications such as composite lay-up, roller wrapping, plate masking, heat sealing and other uses where costly clean up is a problem. The aerospace industry can also use HP27250-2 in phase insulation for bundling end turns, spot bundling, anchor breakouts and to protect airframe wire harnesses.

**Features/Benefits**—The most outstanding properties of HP27250-2 is its high dielectric and tensile strength, which make it an extremely durable insulation tape. The high temperature properties of the PTFE and rubber adhesive allow it to perform in continuous temperatures up to

325°F. A high modulus tape, HP27250-2 also exhibits low elongation which enables it to be applied with automatic wrapping equipment. The other outstanding features of HP27250-2 include chemical inertness as well as low friction, anti-stick, non-toxic properties and clean release, making it the right material for numerous applications.

**Availability**—HP27250-2 is available in master log form 36 yards long x 17 inches wide. Rolls can be slit in widths ranging from 1/2" to 8". Standard roll length is 36 yards. HP27250-2 is available with or without a liner.

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